WHAT IS CLAIMED IS:

1. A leg massaging device comprising an outer frame which is provided with a reciprocating displacement mechanism whereby the reciprocating displacement mechanism comprises an inner frame for mounting a massaging roller such that the massaging roller is actuated to engage in a reciprocating motion on the outer frame.

2. The leg massaging device as defined in claim 1, wherein the inner frame is provided with a bearing seat for mounting a drive shaft whereby the drive shaft is connected at one end to a drive source and is provided with a transmission set.

3. The leg massaging device as defined in claim 2, wherein the inner frame of the reciprocating displacement mechanism is provided with a bearing seat for mounting a driven shaft.

4. The leg massaging device as defined in claim 3, wherein the driven shaft is provided at two ends with a roller whereby the roller is slidably disposed in a slide slot frame of the outer frame.

5. The leg massaging device as defined in claim 2, wherein the drive source of the reciprocating displacement mechanism is a motor whereby the motor serves to drive the drive shaft via a variable speed mechanism.

6. The leg massaging device as defined in claim 2,

wherein the transmission set of the reciprocating displacement mechanism comprises two gears which are respectively mounted on two ends of the drive shaft such that the two gears are engaged with a rack mounted on the outer frame.

7. The leg massaging device as defined in claim 2, wherein the drive shaft is provided at two ends with a roller whereby the roller is slidably disposed in a slide slot frame of the outer frame.

8. The leg massaging device as defined in claim 2, wherein the drive shaft of the reciprocating displacement mechanism is provided with a sensor blocking piece.

9. A leg massaging device incorporated into a chair and provided in an outer frame thereof with a reciprocating displacement mechanism whereby the reciprocating displacement mechanism comprises an inner frame, and a massaging roller mounted on the inner frame such that the massaging roller is actuated to engage in a reciprocating motion on the outer frame.

10. The leg massaging device as defined in claim 9, wherein the inner frame is provided with a bearing seat for mounting a drive shaft whereby the drive shaft is connected at one end to a drive source and is provided with a transmission set.

11. The leg massaging device as defined in claim 10, wherein the inner frame of the reciprocating displacement

mechanism is provided with a bearing seat for mounting a driven shaft.

12. The leg massaging device as defined in claim 11, wherein the driven shaft is provided at two ends with a roller whereby the roller is slidably disposed in a slide slot frame of the outer frame.

13. The leg massaging device as defined in claim 10, wherein the drive source of the reciprocating displacement mechanism is a motor whereby the motor drives the drive shaft to turn via a variable speed mechanism.

14. The leg massaging device as defined in claim 10, the transmission set of the reciprocating displacement mechanism comprises two gears which are respectively mounted on two ends of the drive shaft such that the two gears are engaged with a rack mounted on the outer frame.

15. The leg massaging device as defined in claim 10, wherein the drive shaft and the driven shaft are provided at two ends with a roller whereby the roller is slidably disposed in a slide slot frame of the outer frame.

16. The leg massaging device as defined in claim 10, wherein the outer frame of the reciprocating displacement mechanism is provided with a plurality of pivoting holes for fastening pivotally the outer frame with a frame of the chair.